

AMENDMENTS TO THE CLAIMS:

Amend the claims as follows:

1. (Currently Amended) A solar cell having an electrode coated with lead-free solder, wherein phosphorus is included in said lead-free solder, and said solder is a Sn-Ag based solder not containing Bi.

2. (Currently Amended) The solar cell according to any one of claims 1, 3, 15 and 16, wherein an amount of phosphorus in said lead-free solder is 0.00001 to 0.5 mass %.

3. (Currently Amended) A solar cell having an electrode coated with lead-free solder, wherein phosphorus is included in said lead-free solder~~The solar cell according to claim 1, wherein said lead-free solder is Sn-Bi-Ag based solder with a Bi content of greater than 5 mass % to 89 mass % and the solder has a melting point of 193-195°C.~~

4. (Currently Amended) The solar cell according to any one of claims 1, 3, 15 and 16, wherein said electrode is a silver electrode formed by firing silver paste.

5. (Original) The solar cell according to claim 4, wherein an average grain size of powdery glass included in said silver paste is 11 μm at most.

6. (Original) The solar cell according to claim 4, wherein an amount of powdery glass included in said silver paste is 2.8 to 10.0 mass %.

7. (Original) The solar cell according to claim 4, wherein said silver paste has an average thickness of at least 15 μm .

8. (Withdrawn - Currently Amended) A fabrication method of a solar cell comprising the steps of printing silver paste at a partial region at a light receiving side of an anti-reflection film and at a partial region at a back side of a p type silicon substrate, firing said silver paste to form a silver electrode, and coating said silver electrode with lead-free solder including phosphorus of any one of claims 1, 3, 15 and 16, wherein powdery glass sifted through a sieve having an opening diameter of 73 μm at most is used as said powdery glass included in said silver paste.

9. (Withdrawn - Currently Amended) A fabrication method of a solar cell comprising the steps of printing silver paste at a partial region at a light receiving side of an anti-reflection film and at a partial region at a back side of a p type silicon substrate, firing said silver paste to form a silver electrode, and coating said silver electrode with lead-free solder including phosphorus according to any one of claims 1, 3, 15 and 16, wherein the step of printing silver paste includes applying silver paste at least two times.

10. (Withdrawn - Currently Amended) A fabrication method of a solar cell comprising the steps of printing silver paste at a partial region at a light receiving side of an anti-reflection film and at a partial region at a back side of a p type silicon substrate, firing said silver paste to form a silver paste electrode, and coating said silver paste

electrode with lead-free solder including phosphorus according to any one of claims 1, 3, 15 and 16, wherein the step of printing silver paste includes applying silver paste using a mask having a thickness of three times a wire diameter.

Claims 11-14. (Canceled)

15. (new) A solar cell having an electrode coated with lead-free solder, wherein phosphorus is included in said lead-free solder, wherein said lead-free solder is Sn-Bi-Ag based solder with a Bi content of greater than 5 mass % to 89 mass % and a Ag content of 0.1 to 1.3 mass %.

16. (new) A solar cell having an electrode coated with lead-free solder, wherein phosphorus is included in said lead-free solder, wherein said lead-free solder is Sn-Bi-Ag based solder with a Bi content of 27 to 79 mass %.

17. (new) The solar cell of any one of claims 3, 15 and 16 wherein the Bi content of said solder is 35 to 60 mass %.

18. (new) The solar cell of any one of claims 3 and 15 wherein the Bi content of said solder is 27 to 79 mass %.